

Response to Amendment

1. Based on applicant's amendment, filed on 5/16/2008, see page 2 through 21 of the remark and telephone interview on June 10, 2008, with respect to amended claims 1, 9, 10, 14, 15, 16, 17, 18 and 19, have been fully considered and are persuasive, upon further consideration the rejection, of 102(e) and 103(a) for claims 1-19, are hereby withdrawn.

The claims 1-19 are allowed.

REASONS FOR ALLOWANCE

2. The following is an examiner's statement of reasons for allowance.

This invention relates generally, to an image-capturing apparatus achieved by using a solid-state image-capturing element.

Based on applicant's amendment, with respect to claim 1 representative of claims 9, 14-15 and 17-18 the closest prior art of record (Sugiyama and Kudo), Sugiyama reference is directed to a solid-state image pickup apparatus and a control method thereof having a function of obtaining a normal image signal and additionally a computational function for executing various applications. Kudo reference is relates to an image pickup device with image blur correcting function, adapted for use in a video camera or the like. But neither Sugiyama nor Kudo teach or suggest, among other things, "an adding unit configured to generate an image by adding according to the addition pattern, outputs of selected pixels present around a given pixel at the image-capturing unit to an output of the given pixel, wherein the selected pixels are chosen according to the addition pattern; and an image processing unit configured to process the image resulting from addition executed by the adding unit; wherein: the addition pattern generating unit specifies different addition patterns corresponding to different types of vehicular behaviors; and when the detected vehicular behavior changes from a first type of vehicular to a second type of vehicular behavior; the addition pattern generating unit changes the specified addition pattern

from an addition pattern corresponding to the first type of vehicular behavior to an addition pattern corresponding to the second type of vehicular behavior; and the adding unit switches from the addition pattern corresponding to the first type of vehicular behavior to the addition pattern corresponding to the second type of vehicular behavior when adding outputs of selected pixels”.

Additionally claim 10 representative of claims 16 and 19, the closest prior art of record (Sugiyama and Kudo) do not teach or suggest, among other things, “ an adding unit configured to generate an image by adding according to the addition pattern, outputs of selected pixels present around a given pixel at an image-capturing unit having a plurality of pixels disposed two-dimensionally to an output of the given pixels, wherein the selected pixels are chosen according to the addition pattern; and an image processing unit configured to process the image resulting from addition executed by the adding unit; wherein: the addition pattern generating unit specifies different addition patterns corresponding to different types of vibration of the image-capturing apparatus changes from a first type of vibration to a second type of vibration; an addition pattern generating unit changes the specified addition pattern from an addition pattern corresponding to the first type of vibration to an addition pattern corresponding to the second type of vibration; and the adding unit switches from the addition pattern corresponding to the first type of vibration to the addition pattern corresponding to the second type of vibration when adding outputs of selected pixels”.

These key features in combination with the other features of the claimed invention are neither taught nor suggested by (Sugiyama and Kudo) prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Seyed Azarian whose telephone number is (571) 272-7443. The examiner can normally be reached on Monday through Thursday from 6:00 a.m. to 7:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Bella, can be reached at (571) 272-7778. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application information Retrieval (PAIR) system. Status information for published application may be obtained from either Private PAIR or Public PAIR.

Status information about the PAIR system, see [http:// pair-direct.uspto.gov](http://pair-direct.uspto.gov). Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Seyed Azarian/
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